

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

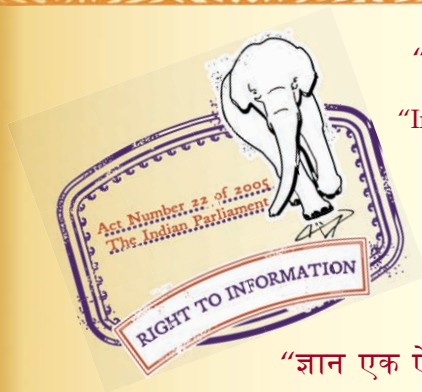
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 4487 (2000): ENT Surgery Instruments - Forceps, Tonsil Artery (Birkett's Pattern) [MHD 4: Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

ईएनटी शल्यचिकित्सा उपकरण — चिमटी, टांसिल
आर्टरी (बिरकेट पैटनी) — विशिष्टि
(पहला पुनरीक्षण)

Indian Standard

ENT SURGERY INSTRUMENTS — FORCEPS, TONSIL
ARTERY (BIRKETT'S PATTERN) — SPECIFICATION
(*First Revision*)

ICS 11.040.30

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Ear, Nose and Throat Surgical Instruments Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This Indian Standard was first published in 1968. With the publication of IS 3642 (Part 1) 'Surgical instruments — Specification — Part 1 : Non-cutting, articulated instruments' which would serve as a horizontal standard for tonsil artery forceps, need was felt to revise this standard in the form of a vertical standard intended to be used in conjunction with IS 3642 (Part 1).

This standard covers the requirements in respect of shape and dimensions only, as the specification part of these types of instruments is covered in IS 3642 (Part 1). This standard is, therefore, intended to be used only in respect of shape and dimensions which are referred to in 4.1 of IS 3642 (Part 1).

This standard forms one of a series of standards on tonsil forceps. Other standards in the series are:

- | | |
|----------------|---|
| IS 4488 : 1968 | Forceps, tonsil holding (Muck's and White's patterns) |
| IS 4514 : 1968 | Forceps, tonsil dissecting (Waugh's patterns) |
| IS 8129 : 1984 | Forceps, tonsil artery, curved (Scott's pattern) |

There is no ISO/IEC standard on the subject. This standard has been prepared based on indigenous manufacturers' data/practices prevalent in the field in India.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Indian Standard***ENT SURGERY INSTRUMENTS — FORCEPS, TONSIL
ARTERY (BIRKETT'S PATTERN) — SPECIFICATION**
*(First Revision)***1 SCOPE**

1.1 This standard covers the requirements for tonsil artery forceps (Birkett's pattern).

2 REFERENCE

2.1 The Indian Standard IS 3642 (Part 1) : 1990 'Surgical instruments — Specification : Part 1 Non-cutting, articulated instruments (*second revision*)' is a necessary adjunct to this standard.

3 SHAPE AND DIMENSIONS

3.1 The shapes and dimensions of Birkett's tonsil artery forceps (straight and curved on flat types) shall be as given in Fig. 1. The weight of the forceps shall be 25 ± 2 g.

3.2 Joint

The forceps shall be made with a box joint which shall

conform to 13.2.2 of Section 3 of IS 3642 (Part 1).

3.3 Serrations

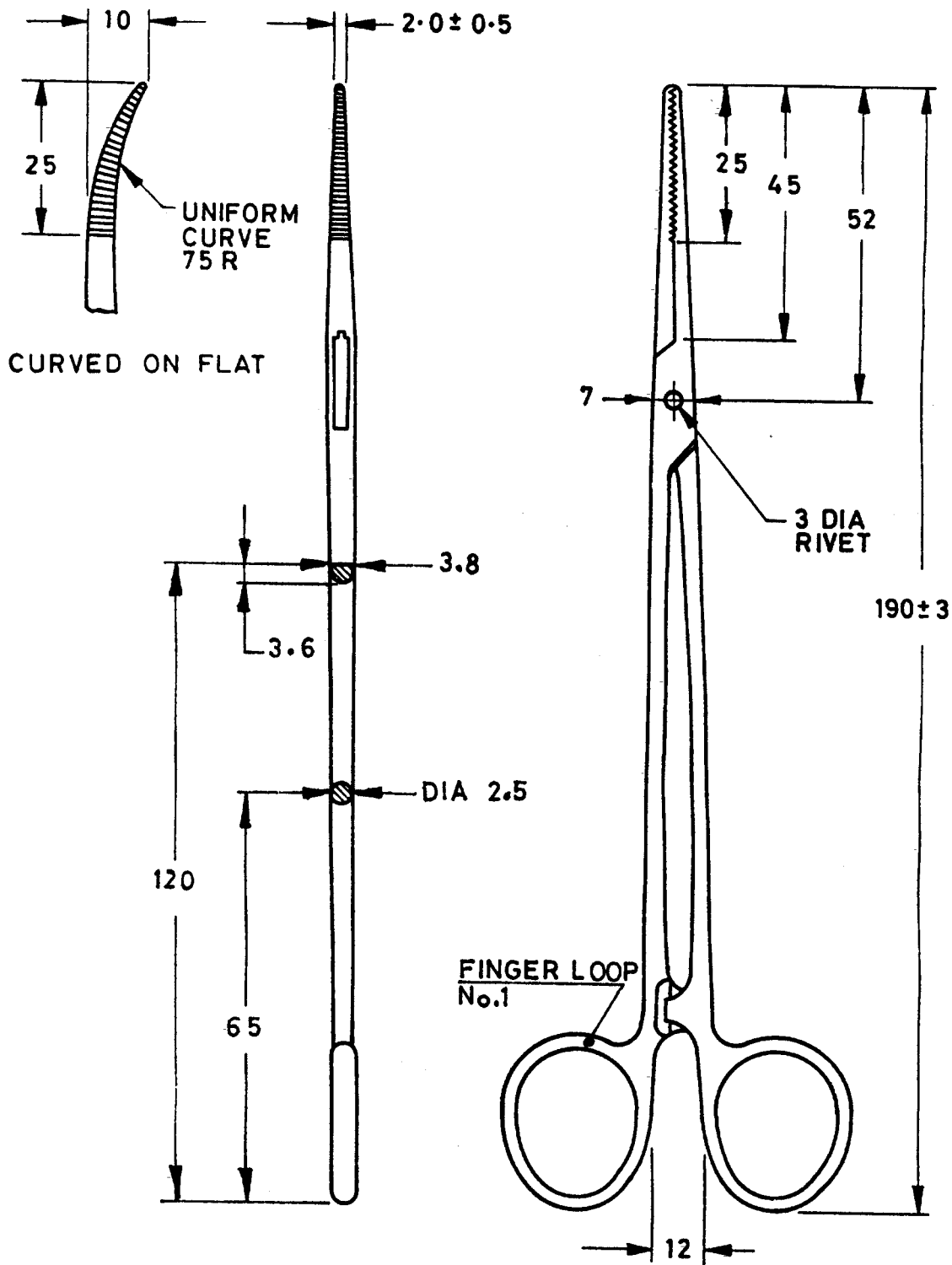
The serrations shall be transverse and shall conform to Section 2 of IS 3642 (Part 1). The pitch of the serrations shall be 0.8 mm, with depth $1/2P$.

3.4 Ratchet

The ratchet teeth shall be of combination 1 in 2 and shall be in accordance with Section 4 of IS 3642 (Part 1).

3.5 Finger Loops

The finger loops shall conform to size No. 1 in 16.1 of Section 6 of IS 3642 (Part 1).



All dimensions in millimetres.

FIG. 1 FORCEPS, TONSIL ARTERY (BIRKETT'S PATTERN)

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Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

BUREAU OF INDIAN STANDARDS

Headquarters:

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110 002
Telephones : 323 01 31, 323 33 75, 323 94 02

Telegrams : Manaksanstha
(Common to all offices)

Regional Offices :

Telephone

Central	: Manak Bhavan, 9 Bahadur Shah Zafar Marg NEW DELHI 110 002	{ 323 76 17 323 38 41
Eastern	: 1/14 C. I.T. Scheme VII M, V. I. P. Road, Kankurgachi CALCUTTA 700 054	{ 337 84 99, 337 85 61 337 86 26, 337 91 20
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